

42.4

Water					
	Mass of Graduated Cylinder (g)	Volume (mL)	Mass GC+Liquid (g)	Mass Liquid (g)	Density of Liquid (g/mL)
Trial 1	42.4	50	91.8	49.4	.988
Trial 2	42.4	75	117	74.6	.995
Trial 3	42.4	100	141.4	99	.99

Oil					
	Mass of Graduated Cylinder (g)	Volume (mL)	Mass GC+Liquid (g)	Mass Liquid (g)	Density of Liquid (g/mL)
Trial 1	42.4	50	88.5	46.1	.922
Trial 2	42.4	75	110.9	68.5	.913
Trial 3	42.4	100	132.6	90.2	.902 .902

Alcohol					
	Mass of Graduated Cylinder (g)	Volume (mL)	Mass GC+Liquid (g)	Mass Liquid (g)	Density of Liquid (g/mL)
Trial 1	42.4	50	81.2	38.8	.776
Trial 2	42.4	75	105 106.5	65 64.1	.77666667
Trial 3	42.4	100	119.6	77.2	.772

Assessment

(Please answer in complete sentences!):

1. As the volume of the liquid increases, what happens to its mass?